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Important Notice

1. Press “0000” for the password for both DTV OSD menu and the Rating menu.
2. Please save all the carton box and packing materials for future transportation or handling.
3. This TV’s Remote does not have a code for universal remotes.

Important Safety Instructions

1. Read Instructions – All the safety and operating instructions should be read before the device is operated.
2. Retain Instructions – The safety and operating instructions should be retained for future reference.
3. Heed Warnings – All warnings on the device and in the operating instructions should be adhered to.
4. Follow Instructions – All operating and use instructions should be followed.
5. Cleaning – Unplug the device from the wall outlet before cleaning. The device should be cleaned only as recommended by the manufacturer.
6. Attachments – Do not use attachments not recommended by the device manufacturer as they may cause hazards.
7. Water and Moisture – Do not use this device near water- for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
8. Accessories – Do not place the device on an unstable cart, stand, tripod, bracket, or table. The device may fall, causing serious injury to a child or adult, and serious damage to the device. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the device. Any mounting of the device should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. An device and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the device and cart combination to overturn.
10. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the device and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the device on a bed, sofa, rug, or other similar surface. The device should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided. There should be free space of at least 20 cm (8 in.) and an opening behind the device.
11. Power Sources – The device should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your local dealer.
12. Grounding or Polarization – The device may be equipped with a polarized

alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

13. Power cord Protection - Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the device.
14. Lightning – For added protection for the device during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the device due to lightning and power-line surges.
15. Overloading – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
16. Object and Liquid Entry – Never push objects of any kind into the device through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the device.
17. Servicing – Do not attempt to service the device yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
18. Damage requiring Service – Unplug the device from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    A. When the power cord or plug is damaged.
    B. If liquid has been spilled, or objects have fallen into the device.
    C. If the device has been exposed to rain or water.
    D. If the device does not operate normally by following the operating instructions.
    E. If the device has been dropped or damaged in any way, and
    F. When the device exhibits a distinct change in performance – this indicates a need for service.
19. Wall Mounting – The device should be mounted to a wall only as recommended by the manufacturers.
20. Heat – The device should be situated away from heat sources such as radiators, heat registers, stoves, or other devices that produce heat.

21. To reduce the risk of electric shock, do not remove back cover. No user serviceable parts inside. Refer servicing to qualified service personnel.
22. The device must be connected to a mains socket outlet with a protected earth connection.
23. When transporting the LCD TV, never carry it by holding onto the speakers. Be sure to always carry the unit by two people holding it with two hands.
24. Replacement Parts – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
25. Safety Check – Upon completion of any service or repairs to the device, ask the service technician to perform safety checks to determine that the device is in proper operation condition.
26. Warranty Claim – You can find the serial number on the rear panel of this unit. In case of warranty claim, please use the included warranty card and report this number.

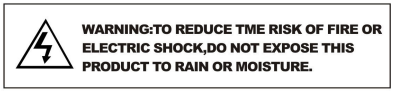
Cleaning the LCD TV

1. Wipe the LCD TV with soft or dry cloth.
2. Do not use solvent or methylbenzene. Harsh chemicals may damage your LCD TV.
3. Make sure the LCD TV is unplugged before you clean it.

Warning

BEFORE PLUGGING IN THE UNIT FOR THE FIST TIME, READ THE FOLLOWING SECTION CAREFULLY.

The voltage of the available power supply differs according to country or region. Be sure that the power supply voltage of the area where this unit will be used meets the required voltage (e.g., AC 230V, 50Hz, or AC 120V, 60Hz) written on the rear panel.



The lightning flash with arrow head symbol,within an equilateral triangle, is intended to alert the user to the presence of uninsulated " dangerous voltage" within the product' enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral trigangle is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance.

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions: (1)this device may not cause harmful interference, and (2)this device must accept any interference received, including interference that my cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

*Reorient or relocate the receiving antenna.
*Increase the separation between the equipment and the receiver.
*Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

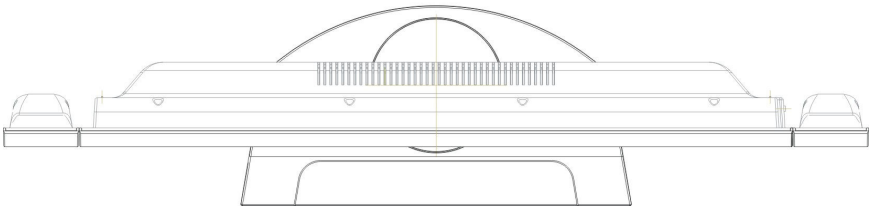
Caution: To comply with the limits for an FCC Class B computing device, always use the signal cord and power cord supplied with this unit. The Federal communications Commission warns that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

European Notice

Products with the CE marking comply with both the EMC Directive (89/336/EEC), (93/68/EEC) and the Low Voltage Directive (72/23/EEC) issued by the Commission of the European Community.

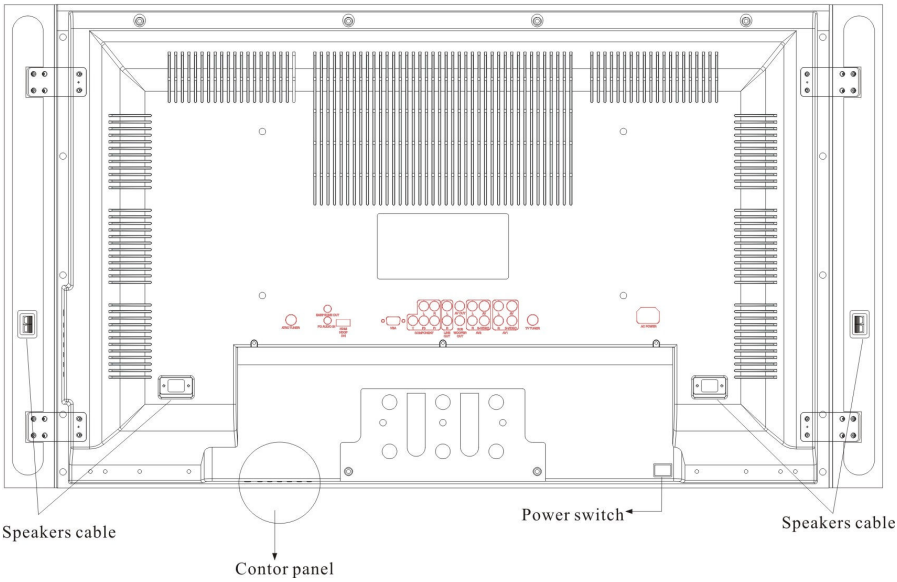
Descriptions and accessories

Top view



Front View

Rear View



Accessories

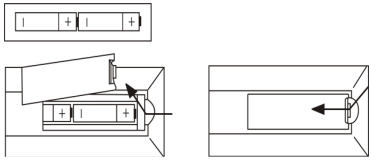
1. Power cord
2. VGA cable
3. PC audio cable
4. HDMI/DVI cable
5. Audio/Video cable
6. Component (Y Pb Pr) cable
7. Remote controller
8. Batteries x 2 (Size AA, R6)

Installation of batteries

1.Insert two AA (or R6)batteries into the Remote controller.

Make sure + and – are facing the proper direction.

2.Replace the cover.

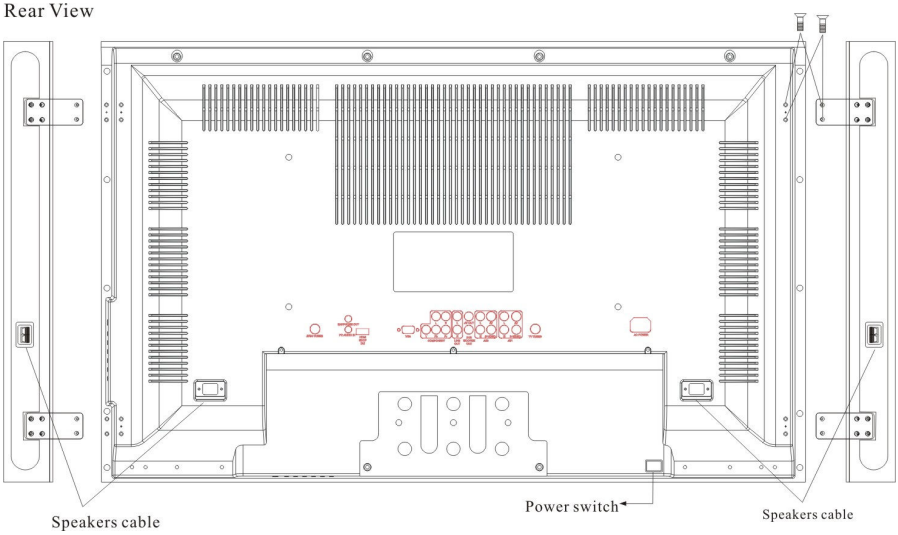


If the remote control is not to be used for a long time, remove the batteries. Keep the remote control away from moisture, sunlight, and high temperatures.

LCD Display Installation

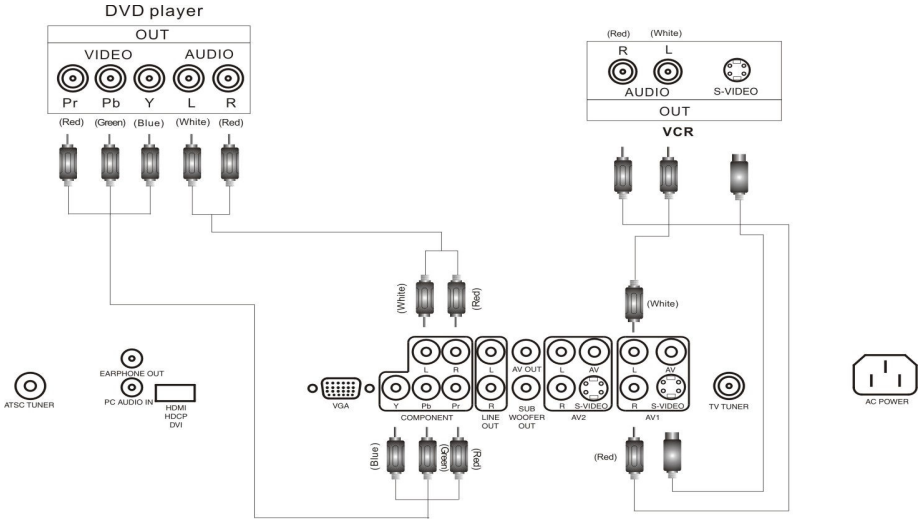
Connecting the detachable speakers

Rear View



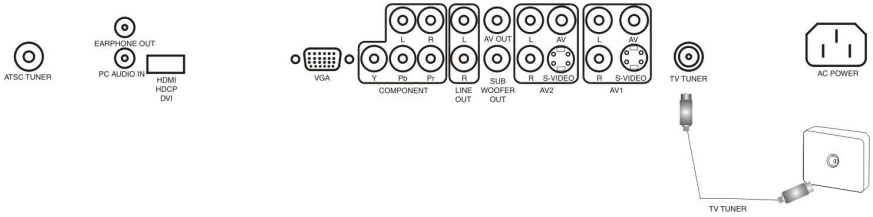
Connecting DVD Player and VCR

The box labeled DVD Player represents any audio/video device that uses component wires (red, green, blue wires) for video and RCA red/white wires for audio. The box labeled VCR represents any audio video device that uses RCA or S-Video for video and RCA red/white wires for audio. Please refer to Page 16-17 for more instructions.



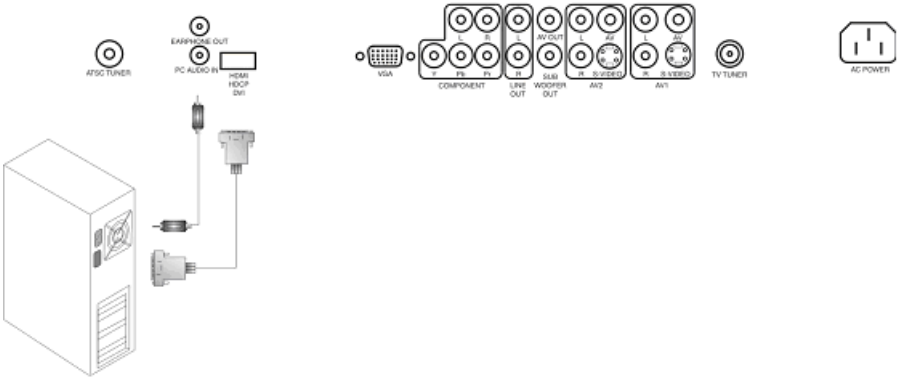
Connecting Antenna or Analog Cable

Antenna is for over the airwave television via UHF and VHA. Analog cable is cable hooked directly into the TV to the TV tuner connectors. Please refer to Page 16-17 for more instructions.

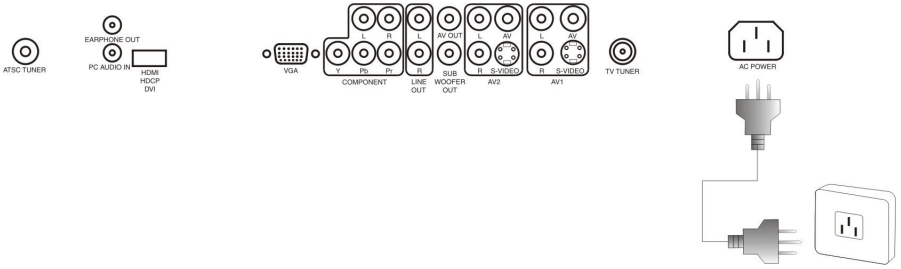


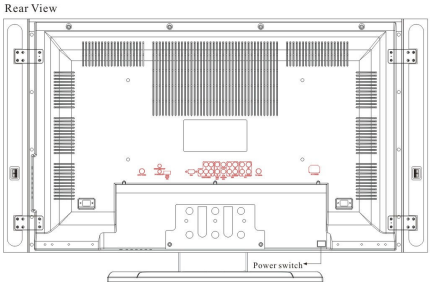
Connecting PC Systems

The cable drawn on the graph represents the HDMI->DVI cable included in the box. If your PC's video card does not contain a DVI port, please use a VGA cable to connect from the PC to the 37" LCD's VGA port right adjacent to the HDMI port. The other cable from PC Audio In to the PC is for audio. If you have separate PC speakers, please disregard the cable. Please refer to Page 16-17 for more instructions.



Connecting the AC Power Cord





Control Keys

▲ CH ▼ ＋ VOL － SOURCE PC SOURCE AV ⏻

▲ CH ▼ Press “CH” buttons to switch between preprogrammed channels. If you are using DTV to view your television you can also use EPG button to navigate your channels.

+ VOL － Press “VOL” buttons to adjust the audio volume.

SOURCE PC Press is button to select among the following PC or DTV inputs – DTV, HDMI, HDCP, DVI, VGA. Please note HDMI, HDCP, and DVI are physically shared under the same HDMI port.

SOURCE AV Press this button to select among the following Video inputs – TV, AV1, AV2, Component(YPbPr)

TV Info Explained

Non DTV On the upper left hand corner there’s always a “M: “ and a “S: ”. “M: “ represents the main display while “S: “ represents the sub-display also known as PIP window. “S: “ is usually off because a PIP window is not present.

DTV On the top 1/3rd of the screen a information bar would appear, the information displayed would include what program you’re watching, what time slot is the program playing in and what format is the program being displayed in.

Source PC & AV Explained

DTV For ATSC tuner use only. ATSC tuner is a high definition over the airwave tuner that uses a high definition antenna to tune to local channels. If your local channel broadcasts in high definition this tuner will display high definition picture on the TV.

HDMI HDMI stands for High Definition Multimedia Interface. This type of connection is designed so that 1 single cable can handle both high definition digital video and audio at the same time. To view video and listen to audio with this source you must have a HDMI to HDMI cable. This type of connection is primarily used by satellite or digital cable boxes and up conversion DVD players.

HDCP HDCP stands for High-bandwidth Digital Content Protection. This type of function is designed so high definition video cannot be copied while hooked up to a recording device. HDCP is enabled in HDMI and in HDCP DVI mode. This type of connection is primarily used by satellite or digital cable boxes and up conversion DVD players. Please note to get sound out of HDCP mode you must connect an audio cable from your audio video device to the audio port labeled "PC Audio In".

DVI DVI stands for Digital Video Interface. This type of connection is designed so video can be digitally transferred to the television therefore display the colors of any video more accurately and vividly. This interface can be used by both PC and video displaying devices such as DVD player, satellite box, or digital cable box…etc. Please note to get sound out of HDCP mode you must connect an audio cable from your audio video device to the audio port labeled "PC Audio In".

VGA VGA stands for Video Graphics Array. This type of connection is designed so people can use their PCs on the 37" LCD/TV. This type of connection is primarily used by personal computers. Please note to get sound out of HDCP mode you must connect an audio cable from your audio video device to the audio port labeled "PC Audio In".

TV This connection is for TV tuner only. TV tuner is actually a NTSC standard tuner, which can scan over the airwave UHF/VHF or Analog Cable (cable directly hooked up into the TV) TV stations and display them at standard definition (regular TV video resolution). This connection is primarily used by non-HD antennas or analog cables.

AV1 This connection is for common audio video devices that use RCA (red yellow white) cable. This connection is primarily used by VCR, DVD player, DV camcorder, and video game consoles (XBOX, PS2, Gamecube).

AV2 This connection is a duplicate for AV1.

Component(YpbPr) This connection designed so enhanced definition to high definition audio video devices can be connected to the port via 3 wires, red, green, and blue. Older audio video devices that display high definition video use this port. This connection is primarily used by DVD player, satellite box, digital cable box, and video game consoles (XBOX, PS2, Gamecube).

Turning on the LCD Display unit

1. Press the Power Switch located on the rear lower right of the unit to turn the power on.
2. Press the Power button on the front lower right of the unit to switch between on and standby modes.

For Analog Cable and Antenna Users

Note: The following instruction set is for TV tuner antenna, analog cable users only. When using the TV for the first time, you must perform the channel scan to get all correct channels by doing the following:

1. Press the "SOURCE AV" button on the remote controller to select the TV input signal labeled either "Cable ###" or "Air ###". # represents numbers
2. Press MENU button to activate the On Screen Display (OSD) menu
3. Press "VOL +/-" button to select the "TV SETUP" function group
4. Press "CH +/-" button to select correct "Cable/Air" signal source
5. Press "CH +/-" button to select "CH-SCAN" function and then press "←" (button in the center of VOL +/- & CH +/-) to perform channel scanning to obtain all available channels.

For HDTV Antenna ATSC Tuner Users

Note: The following instruction set is for ATSC Tuner HD antenna users only. Only perform the following instruction set when you have connected a HD antenna to the ATSC tuner. ATSC tuner does not guarantee HD picture quality. HD picture still depends on the method which your local channels broadcast their TV signal.

1. Make sure your HDTV antenna is connected to the ATSC Tuner port NOT the tuner labeled TV Tuner.
2. Press the "SOURCE PC" button on the remote controller to select the TV input signal labeled "DTV"
3. Press MENU button to activate the On Screen Display (OSD) menu

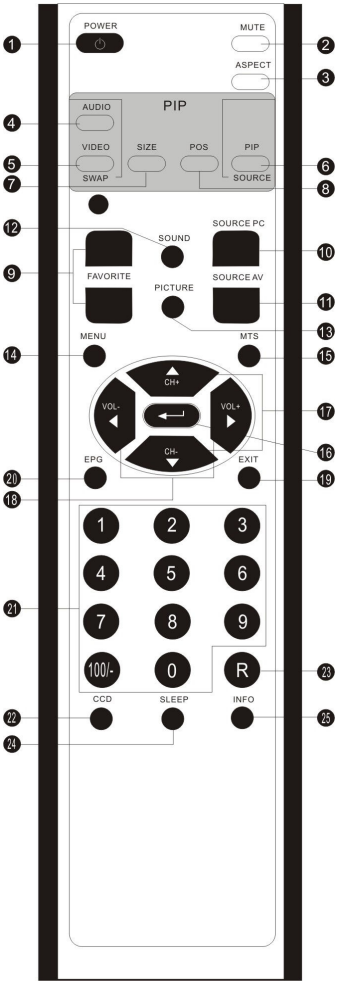
4. Press “VOL+/-“ button to select the “DTV” function group
5. Press “←”(button in the center of VOL +/- & CH +/-) to enter the DTV sub functions.
6. Enter “0000” for the password to enter “Channels” function
7. Press “CH +/-“ button to select “Channel Scan” function and then press“←”(button in the center of VOL +/- & CH +/-) to perform channel scanning to obtain all available channels.
8. To navigate in between channels you can only use the “CH +/-“ buttons or the “EPG” button.
9. Pressing the “EPG” button more than once will toggle in between regular channel program and sub channel program.

For Set-top Box Users (including Digital Cable, Satellite, other video displaying devices)

Note : The following instruction set is for set-top box users (including digital cable, satellite box, other video devices)

1. Make sure your video cables are connected correctly to the back of the television color matching all ports.
2. Press the “SOURCE AV” or “SOURCE PC” button on the remote controller to select the TV input signal which you’ve connected to if you have connected to AV1, AV2, HDMI, HDCP, DVI, VGA, or Component(YPbPr).
3. Please Consult your set-top box’s manual with regards on how to turn on the device and browse channels.

Remote Controller



1.POWER
To turn on the LCD Display unit or enter standby

2.MUTE
Press the button to turn off the audio volume. Press the button again or press volume +/- to restore the previous volume level

3.ASPECT(aspect ratio of picture display)
To select on of the available screen aspect ratio – Auto,16:9 ,4: 3, Zoom Full, Zoom Subtitle

4.AUDIO(PIP Swap)
Listen to the audio from the sub-picture.

5.VIDEO(PIP Swap)
Swap between main picture and the sub-picture.

6.PIP SOURCE
Select the input source for the sub-picture.

7.SIZE (PIP)
Select the window size for the sub-picture (1/4, 1/9, or 1/16 of the entire screen size)

8.POS (PIP)
Select the position for the sub-picture window (four corners of the screen)

9.FAVORITE (Channels)
Choose the pre-selected favorite channels. Total of nine channels can be stored as the Favorite channels.
Note: Before the Favorite (channels) can be used, one must pre-select the channels and store into the Favorite channel list. Go to the channel you preferred to watch, press MENU button to enter the OSD (On Screen Display) menu to store the channel in to the Favorite channel list.

10.SOURCE PC
Select different PC/DTV input sources – DTV, HDMI, HDCP, DVI, and VGA.

11.SOURCE AV
Select different video input signal sources – TV Tuner, AV1, AV2, and Component.

12.SOUND
Select different Sound Effect modes – User, Pop, Soft, Dialogue, and Cinema.
Note: When the preset mode is selected, one can not access those audio adjustment functions listed on the OSD menu.

13.PICTURE
Select different preset picture modes – User, Standard, Nature, Sports, and Cinema.
Note: When the preset mode is selected, one can not access those video adjustment functions listed on the OSD menu.

14.MENU
Press the MENU button to activate the OSD (On Screen Display) main menu. Press again to quit the main menu.

15.MTS
To select STEREO, MONO, or SAP.

16.↵
When OSD menu is shown, press this button to enter (confirm) the sub-menu.

17.CH +/-
Press these two buttons to scroll through the channels. If the OSD Menu is shown on the screen, press these buttons to scroll through the menu items vertically.

18.VOL +/-
Press these two buttons to adjust the speaker volume level. If the OSD Menu is shown on the screen, press these buttons to scroll through the menu items horizontally.

19.EXIT
Press this button to exit from the sub-menu to the previous menu.

20.EPG
When DTV program (channel) is selected, press this button to display the Electronic Program Guide (EPG).

21. 0 – 9, 100/-
Select channels from 1 to 99, press the desired channel numbers. If the channel number is 100 or greater, first press the button "100/-".

22.CCD (Closed Caption Display)
Press CCD to display closed caption information. Press repeatedly to scroll through OFF, CC1, CC2, CC3, CC4, TT1, TT2, TT3, and TT4
23.R (RETURN)
Press this button to return to previous channel.
24.SLEEP
Press repeatedly to cycle through the available sleep timer options – Off/30/60/90/120 minutes.
25.INFO
Display related information on current channels or PC modes.

Picture In Picture Explained

Picture In Picture is a display mode where 1 TV can display 2 different types of video sources simultaneously. This is done with 1 small window at a corner of the TV displaying 1 video source while the other video source is displayed on the entire screen. The “Picture In Picture” function for this television is NOT designed for viewing 2 TV stations at the same time, but rather viewing analog and digital video sources at the same time. For example playing your DVD movie through component(YPbPr) port but also having the small window to display your TV tuner channels to keep up with news. The general rule of PIP is any Source PC sources can be used in PIP when you’re on any Source AV sources and vice versa. None of the Source PC sources can be used in PIP when you’re already in one of the Source PC sources.

OSD (On Screen Display) Menu

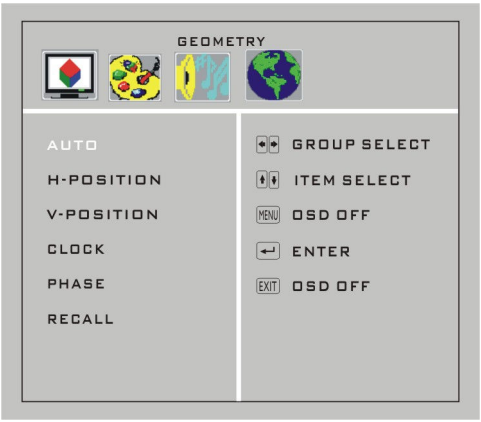
The OSD Menu varies based on different input signal sources. The OSD menus provide different control functions, which allow users to optimize the picture/audio performances for each of the input signal sources.

How to operate the OSD Menu:

1. Press the MENU button on the remote controller to pop up the OSD menu. Press the MENU button again to quit the OSD menu.
2. Press VOL +/- to select the GROUP items which listed horizontally on the ODS menu.
3. Press CH +/- to scroll through the function items vertically.
4. Press ← to enter the sub-menu. Press VOL +/- to adjust the setting.
5. Press EXIT to go back to the previous menu.

OSD Menu (VGA input)

When VGA input is selected, the following OSD menu will be displayed when the MENU button is pressed.



Group Menu	Functions Under the Group Items
Geometry	Auto, H-position, V-position, Clock, Phase, Recall
Picture	Contrast, Black Level, Color, Temp., R Gain, G Gain, B Gain, Recall
Audio	Bass, Treble, Balance, Loudness, AVC, Surround, Recall
System	Language, Lamp

Function	Descriptions
Auto	Auto fine tuning picture clock and position
Recall	Reset the parameters to original factory settings
Black Level	Changes the level of blackness in black colors on the TV image
Color Temp.	Select color temperature among High, Middle, Low, or User modes
Sharpness	Make the picture sharper
Loudness	Compensate Bass and Treble strength
AVC	Suppress a pop sound resulted from changing TV program
Surround	Select sound field from Off, Narrow, or Wide
Language	Choose the language between English and French for the OSD menu

VGA Input Functions FOR EXPERTS ONLY

The following functions should NOT be tampered with under normal circumstances.

Function	Descriptions
H-position	Adjusts the display position left or right / Normally use Auto Adjust
V-position	Adjusts the display position up or down / Normally use Auto Adjust
Clock	Adjusts the clock frequency to match video card / Normally use Auto Adjust
Phase	Adjusts the phase frequency to match video card / Normally use Auto Adjust
Contrast	Adjusts the contrast between bright / dark graphics and text
R-Gain	Adjusts how much red color is in the display
G-Gain	Adjusts how much green color is in the display
B-Gain	Adjusts how much blue color is in the display
Bass	Adjusts the bass level of your TV speakers
Treble	Adjusts the treble level of your TV speakers
Balance	Adjusts the balance (left to right) of your TV speakers
Lamp	Adjusts how bright the you want the LCD to display it's images

OSD Menu (DVI input)

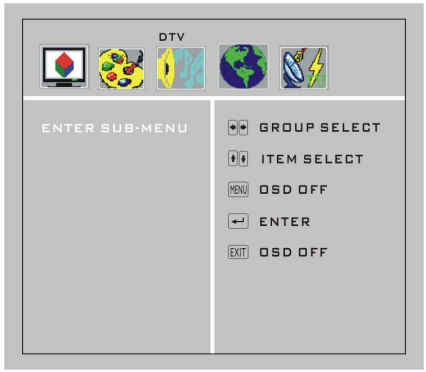
When DVI input is selected, the following OSD menu will be displayed when the MENU button is pressed.

Group Menu	Functions Under the Group Items
Picture	Contrast, Black Level, Color, Temp., R Gain, G Gain, B Gain, Recall
Audio	Bass, Treble, Balance, Loudness, AVC, Surround, Recall
System	Language, Lamp

Please note that under DVI most functions inside picture will not be functional. Please refer to VGA Input for similar functions.

OSD Menu (DTV input)

When DTV input is selected, the following OSD menu will be displayed when the MENU button is pressed.



Function	Descriptions
Color	Adjust Picture Chrominance Gain/Ratio
Tint	Adjust Picture Chrominance angle(or skin color)
Vivid Color	Make color brighter without over-saturation
Skin Tone	Make the skin color brighter without affecting other colors
Green	Strengthen Green (grass color) color without affecting other colors
Blue	Strengthen Blue (sky color) color without affecting other colors
(Noise)	Not available under DTV input
Gamma	Adjust screen visual transformation
Enter Sub-Menu	Enter DTV (ATSC) OSD menu

Note: When enter the DTV OSD menu, press “0000” as the password.

Group Menu	Functions Under Group Items
Channel	Edit, Auto Scan, Manual Scan
Lock	Rating, Password, Reset DTV
Setup	Sound, Opacity, I-plate, Time Zone, About
Caption	Font Size, Font Style, Font Color, Font Opacity, Edge Style, Edge Color

Function	Descriptions
Edit	Displays a list of channels you can toggle between favorites and blocking
Auto Scan	Automatically scans for all channels via HDTV antenna
Manual Scan	Manually input a channel number for scanning (NOT RECOMMENDED)
Rating	Toggles the rating chart to block children from viewing violent TV
Password	Changes the password. WARNING THERE IS NO WAY TO RESET THIS FEATURE. PLEASE REMEMBER YOUR NEW PASSWORD OR DON’T CHANGE THE PASSWORD.
Reset DTV	Resets all options including scanned channels.

Sound	This feature is hardware disabled.
Opacity	Adjusts how transparent the info bar is.
I-plate	Adjusts the display time for the info bar.
Time Zone	Toggles between daylight savings time and regular time. Time is received thru antenna.
About	Information regarding the ATSC tuner hardware.
Font Size	Adjusts the size of fonts for closed captions.
Font Style	Adjusts the style of fonts for closed captions.
Font Color	Adjusts the color of fonts for closed captions.
Font Opacity	Adjusts the transparent effect for the closed captions.
Edge Style	Adjusts the border style.
Edge Color	Adjusts the border color

OSD Menu (TV input)

When TV (NTSC) input is selected, the following OSD menu will be displayed when the MENU button is pressed.

Group Menu	Functions Under the Group Items
Video	Contrast, Brightness, Color, Tint, Recall
Advanced	Vivid Color, Skin Tone, Green, Blue, Noise, Gamma, Recall
Audio	Bass, Treble, Balance, Loudness, AVC, Surround, Recall
System	Language, Lamp, DCI, Rating

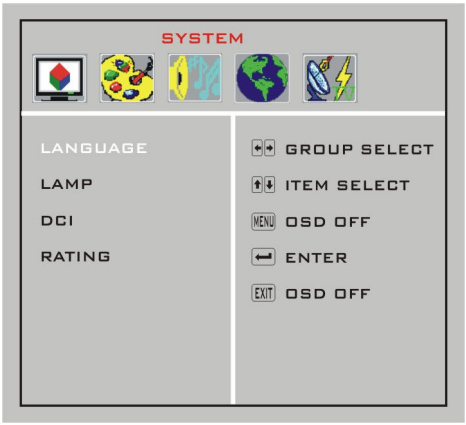
TV Setup	Cable/Air, CH-Scan, CH-Add, CH-Del, Favorite CH

Function	Descriptions
Rating	To block/unblock the TV program according to MAPP or TV Guide Line
Cable/Air	Select cable signal or terrestrial signal(via antenna)
CH -Scan	Scan all available channels to establish a channel list
CH Add.	Add currently viewing channel to the channel list
CH Del.	Delete currently viewing channel from the channel list
Favorite CH	Select channels and store into the favorite channel list
	(up to 9 channels)

Please Note : To block or unblock the TV program, enter the “Rating” sub-menu, and then press “0000” to access the menu. Press “←” (enter) to toggle between “B”(prohibited, not allowed to watch this program) and “U”(prohibited, allowed to watch this program).
To use the “Favorite CH” function, turn to the desired channel first, and then enter the “Favorite CH” sub-menu. Enter 1 ~ 9 to store the channel at the desired position of the list. Press to number to erase the channel from the favorite channel list. Please consult VGA Input functions and DTV functions regarding similar functions.

OSD Menu (AV1, AV2, Component, HDMI, & HDCP inputs)

When AV1, AV2, Component, HDMI, or HDCP input is selected, the following OSD menu will be displayed when the MENU button is pressed.



Group Menu	Functions Under the Group Items
Video	Contrast, Brightness, Color, Tint, Recall
Advanced	Vivid Color, Skin Tone, Green, Blue, Noise, Gamma, Recall
Audio	Bass, Treble, Balance, Loudness, AVC, Surround, Recall
System	Language, Lamp, DCI, Rating

Function	Descriptions
DCI	Dynamic Contrast Improvement
Rating	Program lock according to MPAA or TV Guide Line
Noise	Adjusts the TV picture's pixelation; fuzziness

Please consult VGA Input functions and DTV functions regarding similar functions.

Troubleshooting

The following table contains the common problems and the solutions to these problems. Please check this list before you contact technicians.

Problems	Reasons	lutions
No picture	1. Did you connect the power cord?	1. Connect power cord correctly.
	2. Did you turn on the power?	2. Turn on power
	3. Is the signal cable connected correctly?	3. Connect signal cable correctly.
	4. Is the selected input signal source connected?	4. Select the input signal source with proper cable connection. If you have cable select cable inside TV OSD, or else select Air. If you have HD antenna, make sure it is connected to the ATSC tuner instead of the NTSC tuner
	5, Are you using the ATSC tuner ?	5. Adjust your HDTV antenna, sometimes if the HD signal is not complete thru the antenna, the image will not be displayed.
	6. Still no video ?	6. Check your source by pressing the source pc or source av button and cycle thru all the input ports.
Abnormal colors	Is the signal cable connected correctly?	Properly connect the signal cable. Color cables should match the colored port ic. Red to red, green to green and blue to blue
Picture too dark	Are brightness and contrast set at the lowest level?	Adjust brightness and contrast.
Audio only, no picture	1. Is input signal cable connected correctly?	1. Check the signal cable connection. Make sure your video cable is in the right group as the audio cable.
	2. Is the TV signal too weak?	2. TV-RF signal must not be lower than 50 dB.
Picture only, no audio	1. Is signal cable connected correctly?	1. Connect signal cable correctly.
	2. Is the audio volume set at the lowest level?	2. Adjust volume to proper level.
	3. Is audio signal cable not connected?	3. Connect audio cable correctly.
	4. Is the TV signal cable too weak?	4. TV-RF signal must not be lower than 50 dB.
Remote controller does not work	1. Is the battery dead?	1. Change battery.
	2. Is there any interference from static or thunder?	2. Turn off power for 10 seconds, and then turn the power back on

Problems	Possible solutions
Can not receive UHF	Change the signal line to other input-end, make sure your antenna is capable of receiving UHF.
Can not receive sufficient channels through antenna	Please use the channel scanning function to increase the number of channels
No colors	Please adjust the color setup, and make sure your signal cable is tightly connected.
Blinking picture accompanied By ghost image	Check the connection of antenna/signal cable
Broken lines or segments	Adjust antenna. Keep the TV away from noise sources such as neon lights, and hair dryer.
Certain TV channels are blocked	Please use the channel scanning function or v-chip function to unblock.
Can not access a picture or audio menu	Make sure your Picture / Sound are both on "User Mode" by pressing the "Picture" button until the upper left hand corner says "User Mode". Please do the same regarding "Sound" button
Cannot view 2 channels at the same time with PIP	The PIP function is not designed to view 2 channels at the same time.
No Universal Remote Code	This television is not designed with a universal remote code.
TV has colors of lines across the screen	This is a big LCD screen, it takes time for electricity to charge up to power the screen and takes time for the large screen to deplete all it's residual electricity. Please do not turn the TV on and off really quickly. Between the time which you turn off the TV and the time which you turn it on, there should be at least 50 seconds to 70 seconds.
TV is turned on, stand by light is green but no picture	This is a big LCD screen, and needs time to warm up to show the picture, please wait for 15-30 seconds for the picture to show up.
No Picture on PC (DVI port)	Is your video card's DVI port turned off by default? Go into your video card's advance menu to make sure 2nd monitor / DVI port is turned on
No Sound on PC	Make sure your green connector head audio cable is connected.
Satellite / Digital Cable box says HDCP not compatible	Reboot your satellite / digital cable box by turning them off then unplugging the power cord. Wait for at least 1-3 minutes and plug them back into the wall and turn on the power.
Satellite / Digital Cable box has no video on HDMI port	Make sure you're using the HDMI->HDMI cable. If you're using the cable we've included in the box, then you should set your source to HDCP or DVI.

Specifications

Display panel	Active Area / Screen Size	819.36(H) x 460.89(V)mm (diagonal 37.01 inches)
	Aspect Ratio	Widescreen 16:9
	Pixel Pitch	0.1555(H) x RGB x 0.4665(V)mm
	Max. of Pixels	1920(H) x 1080(V)
	Brightness	600cd/m2(Typical)
	Contrast	1000:1(Typical)
	Response Time	8ms(gray to gray)
	Viewing Angle	Typical 170 Degree(Horizontal/Vertical)
	Lamp Life of Backlight	> 60000hrs

Resolution:		1920 x 1080
(1)video	PIP/POP	PIP only
	de-interlace	3D
	frame conversion	yes
	frame recover	3:2, 2:/2
	noise reducing core technology	3D
	aspect ratio	4:3, 16:9, zoom full, zoom full sub-title
	color enhancement	Vivid color, Skin, G,B
	dynamic contrast	yes(Tuner/Video decoder)
	sharpness	DLTI/DCTI
	gamma	10bit / 5 curves
	lamp adjust	yes
	picture mode	user/standard/nature/Sport/movie
	video adjust	contrast/brightness/color/hue
	3 levels of color Temp. for VGA	high/middle/low
(2)audio	Tone	bass, treble, balance
	AVC(Auto Volume Control)	yes
	loudness	yes
	Pseudo surround	yes
	sound mode	4 modes
(3)general	channel auto scan	yes
	quick channel change	2 digit channels and change channel within
	sleep timer	off/30mins/60mins/90mins/120mins
	standby power	under 1W
	timing support-Video	480i/480p/576i/576p/720p/1080i/1080p
	PC timing	1920*1080@60Hz(native)
		1280*1024@60Hz
		1280*720@60Hz
		1024*768@60/70/75Hz
		800*600@56/60/72/75Hz
		640*480@60/72/75Hz

		640*400@70/85Hz
(4)power supplier	input	90-264VAC, 50/60Hz
	output	24V/12V/5V/5Vstb, 320W Max.
(5)NTSC/PAL	NTSC	Sound: Mono/Stereo/SAP
		Favorite Channel
		V-chip
		Closed caption(CC1-CC4, Text 1-Text 4)
	PAL	sound:Mono/Stereo/Dual1/Dual2
		Channel Edit Function
		Support CNI(Channel Name
		Teletext: 10 pages (Option-250 pages)
		SCART support SRGB, Composite video,
(6)I/O	NTSC(ASIA)	AV1
		AV2
		Component1
		VGA(option)
		DVI/HDMI(option)
		AV out - Line out
		Sub woofer out
		Head phone
	NTSC(Japan)	AV1
		AV2
		VGA(option)
		DVI/HDMI(option)
		AV out - Line out
		Sub woofer out
		Head phone
	PAL-Pan Euro	AV1
		SCART1(decoder)
		SCART2(Full with manual selection)
		Component1
		VGA(option)
		DVI/HDMI(option)
		Sub woofer out
		Head phone